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SONY KD-79X9005B REFERENCE MANUAL

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BRAVIA

KD-79X9005B / 65X9505B / 65X9005B / 55X9005B

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Introduction

Thank you for choosing this Sony product.
Before operating the TV, please read this manual thoroughly and retain it for future reference.

Note

- Before operating the TV, please read “Safety information” (page 3).
- Images and illustrations used in Quick Start Guide and this manual are for reference only and may differ from actual product appearance.

Location of the identification label

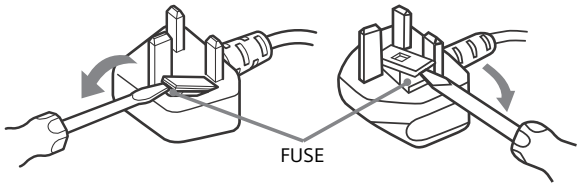
Labels for the Model No., Production Date (month/year) and Power Supply rating (in accordance with applicable safety regulation) are located on the rear of the TV or package.

WARNING

TO PREVENT THE SPREAD OF FIRE, KEEP CANDLES OR OTHER OPEN FLAMES AWAY FROM THIS PRODUCT AT ALL TIMES.

NOTICE FOR CUSTOMERS IN THE UNITED KINGDOM

A moulded plug complying with BS1363 is fitted to this equipment for your safety and convenience.
Should the fuse in the plug supplied need to be replaced with the same rating of fuse approved by ASTA or BSI to BS 1362 (i.e., marked with ⟨ASTA⟩ or ⟨BSI⟩) must be used.
If the plug supplied with this equipment has a detachable fuse cover, be sure to attach the fuse cover after you change the fuse. Never use the plug without the fuse cover. If you should lose the fuse cover, please contact your nearest Sony service station.



How to replace the fuse

Open the fuse compartment with a blade screwdriver, and replace the fuse.
Please refer to the illustration that actually equipped with the product.

IMPORTANT NOTICE

This product has been manufactured by or on behalf of Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. Inquiries related to product compliance based on European Union legislation shall be addressed to the authorized representative, Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters, please refer to the addresses provided in the separate service or guarantee documents.

Notice for Wireless Signal

Hereby, Sony Corporation declares that this unit is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
For details, please access the following URL:
http://www.compliance.sony.de/

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives.

TV wireless system may be operated in following countries:

AT, BE, HR, CY, CZ, DK, EE, FI, FR, DE, GR, HU, IE, IT, LV, LT, LU, MT, NL, PL, PT, SK, SI, ES, SE, GB, IS, LI, NO, CH, BG, RO, TR, AL, BA, MK, MD, RS, ME, Kosovo

This equipment can be operated in other non-European countries.

Safety information

WARNING

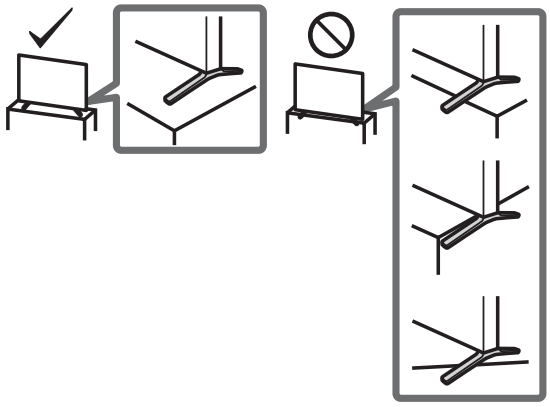
Batteries must not be exposed to excessive heat such as sunshine, fire or the like.

Installation/Set-up

Install and use the TV set in accordance with the instructions below in order to avoid any risk of fire, electrical shock or damage and/or injuries.

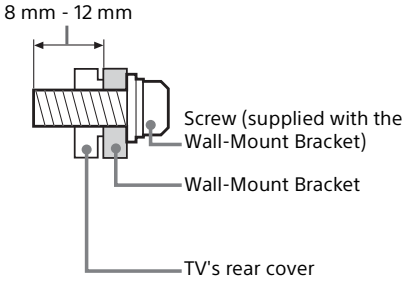
Installation

- To avoid slipping and causing personal injury, do not step on the TV protection bag when unpacking the TV set.
- The TV set should be installed near an easily accessible mains socket.
- Place the TV set on a stable, level surface to avoid it from falling down and cause personal injury or damage to the TV.
- Install the TV where it cannot be pulled, pushed, or knocked over.
- Install the TV so that the TV's Table-Top Stand does not protrudes out from the TV stand (not supplied).
  If the Table-Top Stand protrudes out from the TV stand, it may cause TV set to topple over, fall down, and cause personal injury or damage to the TV.

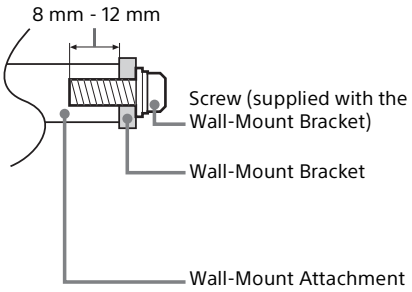


- Only qualified service personnel should carry out wall installations.
- For safety reasons, it is strongly recommended that you use Sony accessories, including:
  Wall-Mount Bracket
  — SU-WL450 (KD-65X9505B, KD-65/55X9005B)
- Be sure to use the screws supplied with the Wall-Mount Bracket when attaching the Wall-Mount Bracket to the TV set. The supplied screws are designed as indicated by illustration when measured from the attaching surface of the Wall-Mount Bracket. The diameter and length of the screws differ depending on the Wall-Mount Bracket model.
  Use of screws other than those supplied may result in internal damage to the TV set or cause it to fall, etc.

KD-65X9505B



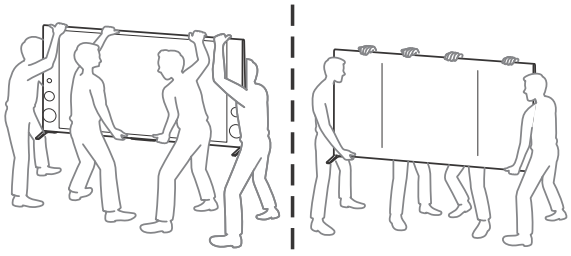
KD-65/55X9005B



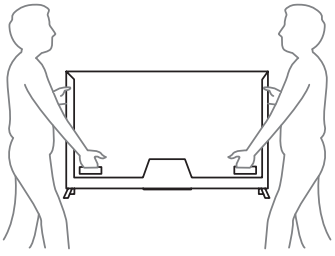
Transporting

- Before transporting the TV set, disconnect all cables.
- Two or more people (Four or more people for KD-79X9005B) are needed to transport a large TV set.
- When transporting the TV set by hand, hold it as shown below. Do not put stress on the LCD panel and the frame around the screen.

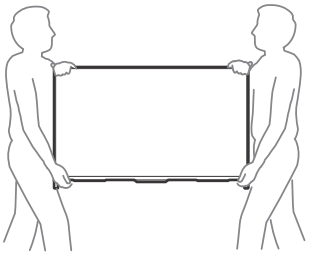
KD-79X9005B



KD-65X9505B



KD-65/55X9005B



- When transporting the TV set, do not subject it to jolts or excessive vibration.
- When transporting the TV set for repairs or when moving, pack it using the original carton and packing material.

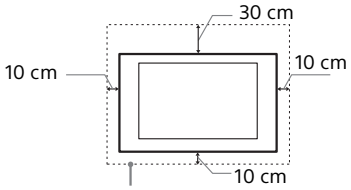
Topple prevention

- Be sure to use strong cord that is capable of supporting the weight of the TV.

Ventilation

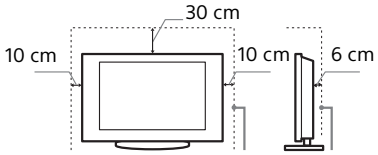
- Never cover the ventilation holes or insert anything in the cabinet.
- Leave space around the TV set as shown below.
- It is strongly recommended that you use a Sony Wall-Mount Bracket in order to provide adequate air-circulation.

Installed on the wall



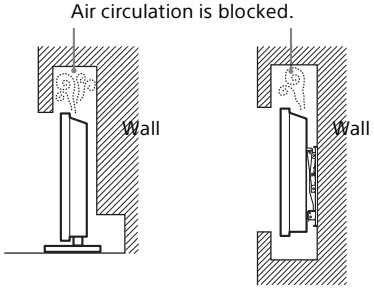
Leave at least this space around the set.

Installed with stand



Leave at least this space around the set.

- To ensure proper ventilation and prevent the collection of dirt or dust:
  - Do not lay the TV set flat, install upside down, backwards, or sideways.
  - Do not place the TV set on a shelf, rug, bed or in a closet.
  - Do not cover the TV set with a cloth, such as curtains, or items such as newspapers, etc.
  - Do not install the TV set as shown below.



Mains lead

Handle the mains lead and socket as follows in order to avoid any risk of fire, electrical shock or damage and/or injuries:
- Use only mains leads supplied by Sony, not other suppliers.
- Insert the plug fully into the mains socket.
- Operate the TV set on a 220-240 V AC supply only.
- When wiring cables, be sure to unplug the mains lead for your safety and take care not to catch your feet on the cables.
- Disconnect the mains lead from the mains socket before working on or moving the TV set.
- Keep the mains lead away from heat sources.
- Unplug the mains plug and clean it regularly. If the plug is covered with dust and it picks up moisture, its insulation may deteriorate, which could result in a fire.

Note

- Do not use the supplied mains lead on any other equipment.
- Do not pinch, bend, or twist the mains lead excessively. The core conductors may be exposed or broken.
- Do not modify the mains lead.
- Do not put anything heavy on the mains lead.
- Do not pull on the mains lead itself when disconnecting the mains lead.
- Do not connect too many appliances to the same mains socket.
- Do not use a poor fitting mains socket.

Prohibited Usage

Do not install/use the TV set in locations, environments or situations such as those listed below, or the TV set may malfunction and cause a fire, electrical shock, damage and/or injuries.

Location:

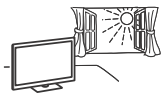
- Outdoors (in direct sunlight), at the seashore, on a ship or other vessel, inside a vehicle, in medical institutions, unstable locations, near water, rain, moisture or smoke.
- If the TV is placed in the changing room of a public bath or hot spring, the TV may be damaged by airborne sulfur, etc.

- For best picture quality, do not expose the screen to direct illumination or sunlight.
- Avoid moving the TV from a cold area to a warm area. Sudden room temperature changes may cause moisture condensation. This may cause the TV to show poor picture and/or poor colour. Should this occur, allow moisture to evaporate completely before powering the TV on.

Environment:

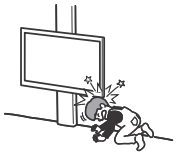
- Places that are hot, humid, or excessively dusty; where insects may enter; where it might be exposed to mechanical vibration, near flammable objects (candles, etc). The TV set shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the TV.
- Do not place the TV in a humid or dusty space, or in a room with oily smoke or steam (near cooking tables or humidifiers). Fire, electric shock, or warping may result.

- Do not install the TV in places subject to extreme temperature such as in direct sunlight, near a radiator or a heating vent. The TV may overheat in such condition which can cause deformation of the enclosure and/or TV malfunction.



Situation:

- Do not use when your hands are wet, with the cabinet removed, or with attachments not recommended by the manufacturer. Disconnect the TV set from mains socket and aerial during lightning storms.
- Do not install the TV so that it sticks out into an open space. Injury or damage from a person or object bumping into the TV may result.



Broken pieces:

- Do not throw anything at the TV set. The screen glass may break by the impact and cause serious injury.
- If the surface of the TV set cracks, do not touch it until you have unplugged the mains lead. Otherwise electric shock may result.

When not in use

- If you will not be using the TV set for several days, the TV set should be disconnected from the mains for environmental and safety reasons.
- As the TV set is not disconnected from the mains when the TV set is just turned off, pull the plug from the mains to disconnect the TV set completely.
- However, some TV sets may have features that require the TV set to be left in standby to work correctly.

For children

- Do not allow children to climb on the TV set.
- Keep small accessories out of the reach of children, so that they are not mistakenly swallowed.

If the following problems occur...

Turn off the TV set and unplug the mains lead immediately if any of the following problems occur.
Ask your dealer or Sony service centre to have it checked by qualified service personnel.

When:

— Mains lead is damaged.
— Poor fitting of mains socket.
— TV set is damaged by being dropped, hit or having something thrown at it.
— Any liquid or solid object falls through openings in the cabinet.

About LCD Monitor Temperature

When the LCD Monitor is used for an extended period, the panel surrounds become warm. You may feel hot when touching there by the hand.

Precautions

Viewing the TV

- Some people may experience discomfort (such as eye strain, fatigue, or nausea) while watching 3D video images or playing stereoscopic 3D games. Sony recommends that all viewers take regular breaks while watching 3D video images or playing stereoscopic 3D games. The length and frequency of necessary breaks will vary from person to person. You must decide what works best. If you experience any discomfort, you should stop watching the 3D video images or playing stereoscopic 3D games until the discomfort ends; consult a doctor if you believe necessary. You should also review (i) the instruction manual of any other device or media used with this television and (ii) our website (http://support.sony-europe.com/) for the latest information. The vision of young children (especially those under six years old) is still under development. Consult your doctor (such as a pediatrician or eye doctor) before allowing young children to watch 3D video images or play stereoscopic 3D games. Adults should supervise young children to ensure they follow the recommendations listed above.
- Do not use, store, or leave the 3D Glasses or in places with a high temperature, e.g., in direct sunlight, or in sun-heated cars.
- When using the simulated 3D function, please note that the displayed image is modified from the original due to the conversion done by this television.
- View the TV in moderate light, as viewing the TV in poor light or during long period of time, strains your eyes.
- When using headphones, adjust the volume so as to avoid excessive levels, as hearing damage may result.

LCD Screen

- Although the LCD screen is made with high-precision technology and 99.99% or more of the pixels are effective, black dots may appear or bright points of light (red, blue, or green) may appear constantly on the LCD screen. This is a structural property of the LCD screen and is not a malfunction.
- Do not push or scratch the front filter, or place objects on top of this TV set. The image may be uneven or the LCD screen may be damaged.
- If this TV set is used in a cold place, a smear may occur in the picture or the picture may become dark. This does not indicate a failure. These phenomena disappear as the temperature rises.
- Ghosting may occur when still pictures are displayed continuously. It may disappear after a few moments.
- The screen and cabinet get warm when this TV set is in use. This is not a malfunction.
- The LCD screen contains a small amount of liquid crystal. Follow your local ordinances and regulations for disposal.
- Do not subject the LCD screen to any strong impact or shock. The screen glass may crack or shatter and cause injury.

Handling and cleaning the screen surface/ cabinet of the TV set

Be sure to unplug the mains lead connected to the TV set from mains socket before cleaning.
To avoid material degradation or screen coating degradation, observe the following precautions.

- To remove dust from the screen surface/cabinet, wipe gently with a soft cloth. If dust is persistent, wipe with a soft cloth slightly moistened with a diluted mild detergent solution.
- Never spray water or detergent directly on the TV set. It may drip to the bottom of the screen or exterior parts and enter the TV set, and may cause damage to the TV set.

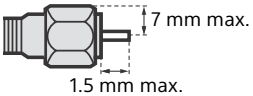
- Never use any type of abrasive pad, alkaline/acid cleaner, scouring powder, or volatile solvent, such as alcohol, benzene, thinner or insecticide. Using such materials or maintaining prolonged contact with rubber or vinyl materials may result in damage to the screen surface and cabinet material.
- Periodic vacuuming of the ventilation openings is recommended to ensure to proper ventilation.
- Do not handle the speakers with excessive force during cleaning or maintenance to prevent any damages.

Optional Equipment

- Keep optional components or any equipment emitting electromagnetic radiation away from the TV set. Otherwise picture distortion and/or noisy sound may occur.
- This equipment has been tested and found to comply with the limits set out in the EMC Directive using a connection signal cable shorter than 3 meters.

Recommendation of F-type plug

Projection of the inner wire from the connection part must be less than 1.5 mm.



(Reference drawing of the F type plug)

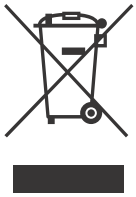
Caution about handling the remote control

- Observe the correct polarity when inserting batteries.
- Do not use different types of batteries together or mix old and new batteries.
- Dispose of batteries in an environmentally friendly way. Certain regions may regulate the disposal of batteries. Please consult your local authority.
- Handle the remote control with care. Do not drop or step on it, or spill liquid of any kind onto it.
- Do not place the remote control in a location near a heat source, a place subject to direct sunlight, or a damp room.

Wireless Function of the unit

- Do not operate this unit near medical equipment (pacemaker, etc.), as malfunction of the medical equipment may result.
- Although this unit transmits/receives scrambled signals, be careful of unauthorised interception. We cannot be responsible for any trouble as a result.

Disposal of the TV set



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)

This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

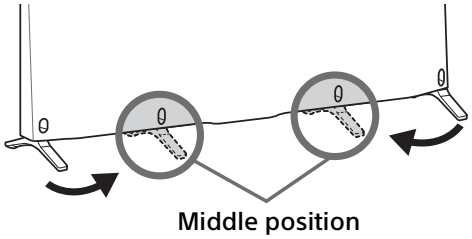
Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)

This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources. In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment. For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries. For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Attaching the Table-Top Stand (Alternative)

You can change the Table-Top Stand from the edge to the middle position by referring to the instructions below.

KD-79/65/55X9005B



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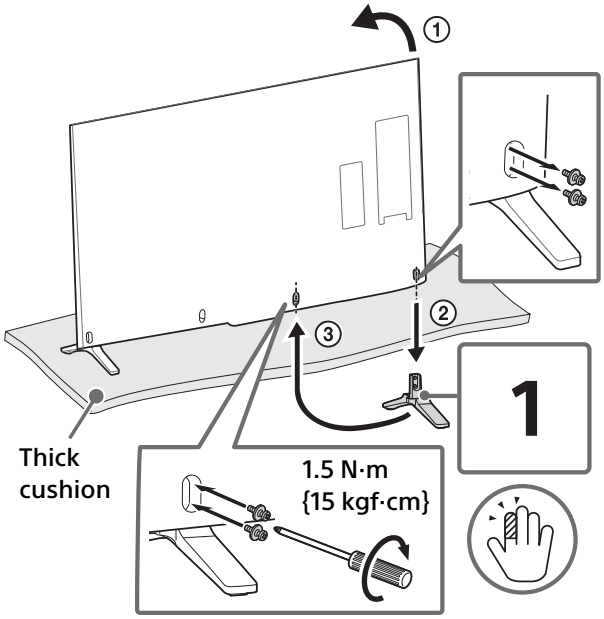

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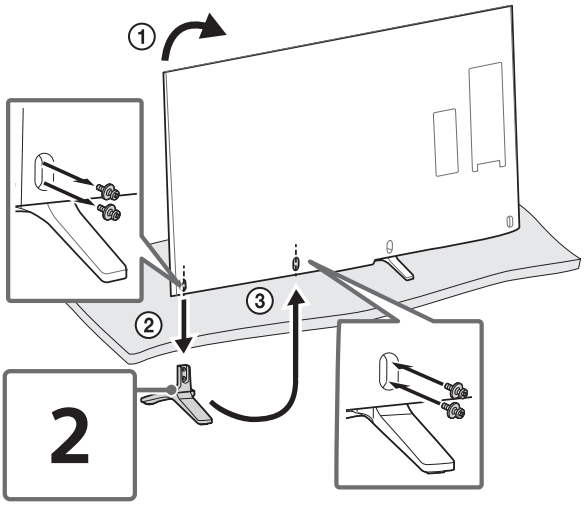

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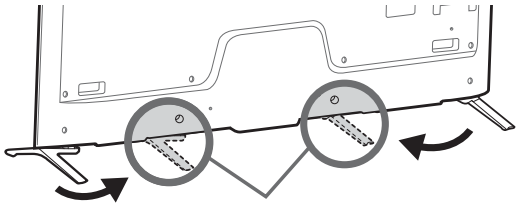

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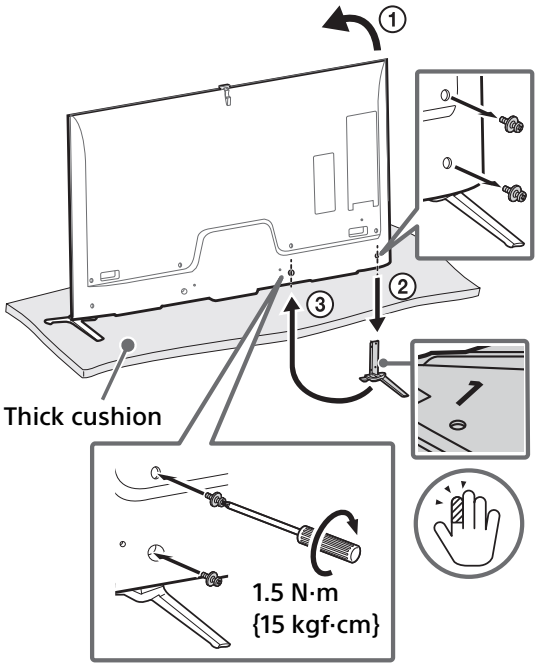

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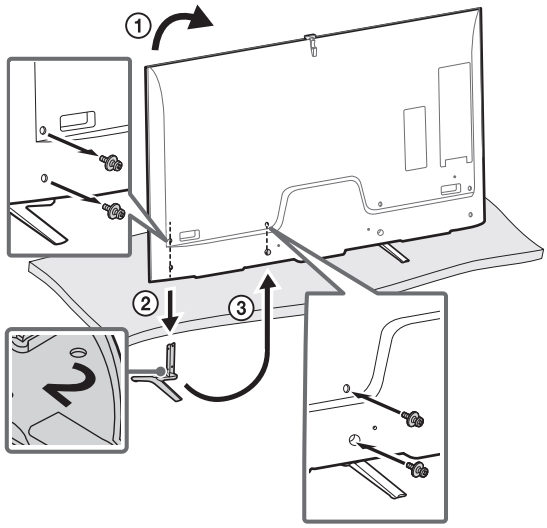
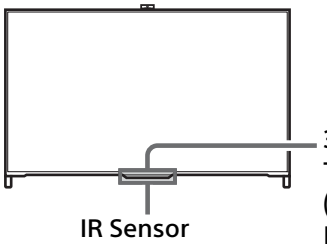


Note

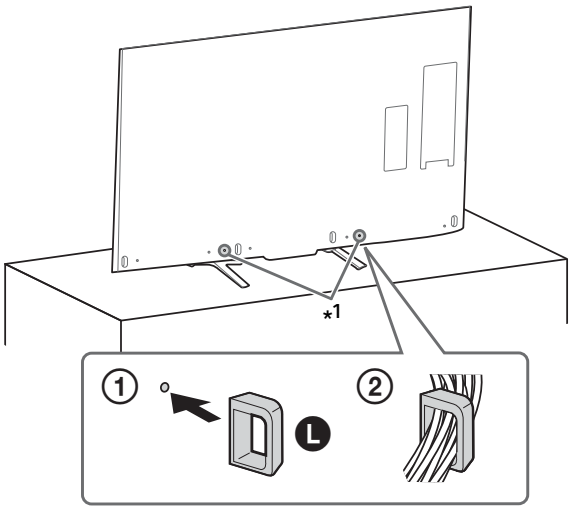
- Two or more people (Four or more people for KD-79X9005B) are needed to carry out this installation.
- Ensure that there are no objects in front of the TV.



3D Sync Transmitter (KD-65X9505B, KD-65/55X9005B only)

To bundle the cables

KD-79/65/55X9005B



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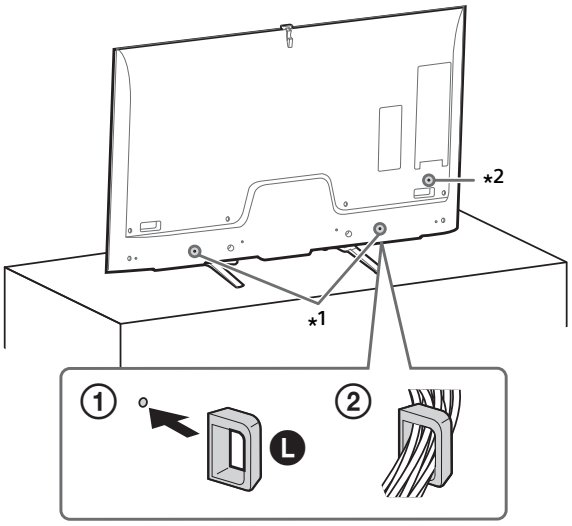
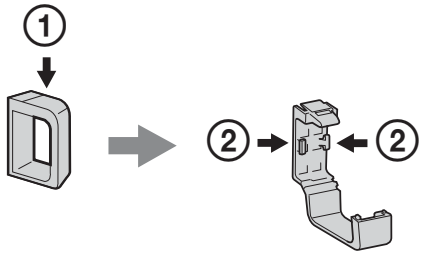


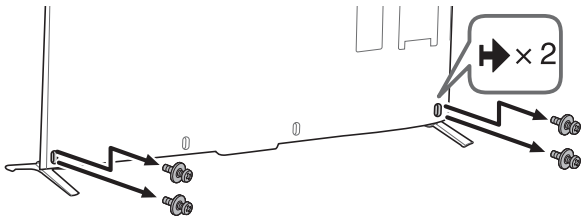
*1 Location of cable clamper when the Table-Top Stand is attached to middle position.
*2 Location of cable clamper when the Table-Top Stand is attached to edge or middle.

Note

- To detach the cable clamper from the TV, press the top of the clamper ①, then pinch ② as illustrated.



Detaching the Table-Top Stand from the TV



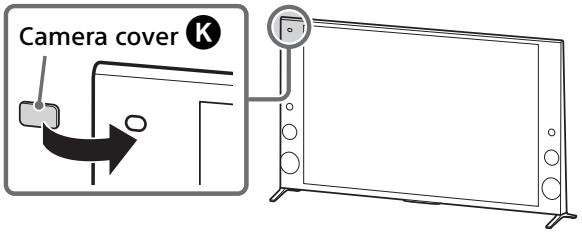
Note

- When attaching the Table-Top Stand again, be sure to fasten the screws (previously removed) to the original holes on the rear of the TV.

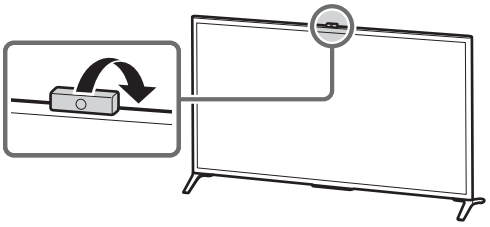
Hiding the camera

If you do not wish to use the camera, hide it as illustrated.

KD-79/65/55X9005B



KD-65X9505B



Using the Remote Control

You can operate the TV by using the supplied Touchpad Remote Control or IR (infrared) Remote Control.

Touchpad Remote Control

IR (infrared) Remote Control

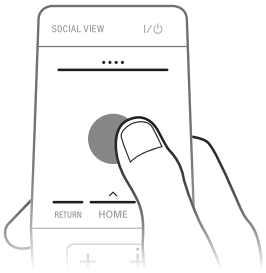
Note

- Touchpad Remote Control can only be used after registration with the TV. You can register the Touchpad Remote Control by pressing **HOME**, then select [Settings] → [System Settings] → [Touchpad Remote Control Setup].

Displaying the Touchpad Operation Guide

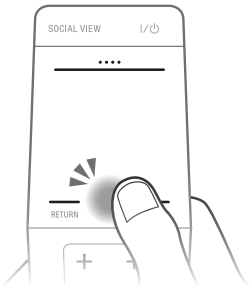
Touchpad Operation Guide allows you to see the main gesture commands that are available for the current TV screen.

1 **Touch and keep your finger on the centre of the touchpad to display the Touchpad Operation Guide.**



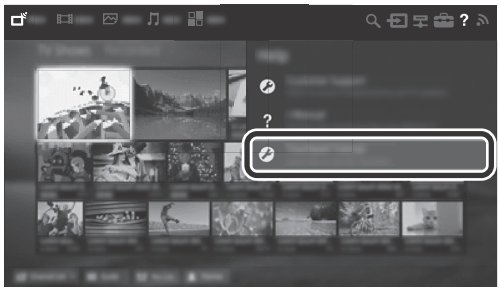
Launching the Touchpad Tutorial

1 **Press HOME.**



2 **Slide to select ? [Help], then press the touchpad.**

3 **Slide up/down to select [Touchpad Tutorial], then press the touchpad.**



Follow the instructions on the screen.

Note

- You can also launch the Touchpad Tutorial by pressing **HOME**, then select [Settings] → [System Settings] → [Touchpad configurations] → [Start Tutorial].

Connecting Other Devices

For more information on connections, refer to the i-Manual.

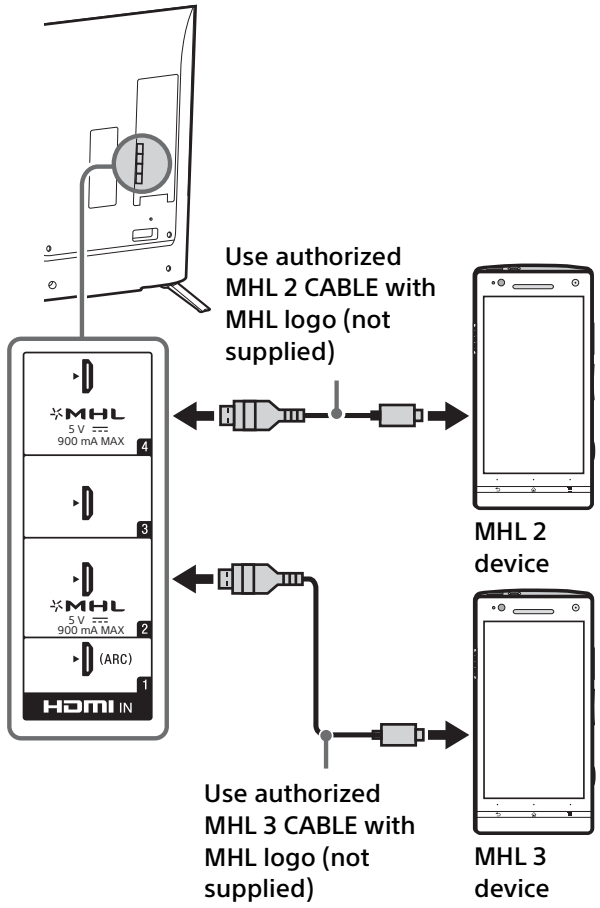
Note

- For HDMI connection, connect 4K devices (4K Media Player, 4K Set Top Box, etc.) to the HDMI IN 2 or HDMI IN 1 jack of the TV to enjoy copyright protected content.

To connect Port Replicator

- For connection with Port Replicator, refer to the installation guide supplied with the Port Replicator.

To connect MHL Device



The TV simultaneously charges the MHL-compatible connected device while playing photo/music/video files. You can use the TV remote control to control the connected MHL-compatible device.

Note

- If [Auto Input Change (MHL)] is set to [On], the TV automatically switches to HDMI IN 2/MHL or HDMI IN 4/MHL from other input when MHL-compatible device is connected to HDMI IN 2/MHL or HDMI IN 4/MHL jack. The availability of [Auto Input Change (MHL)] depends on whether the MHL-compatible device can support this feature.
- If [MHL Charging during Standby] is set to [On], you can continue charging the MHL-compatible device even when the TV is in standby mode.
- Connect the 4K smartphone or mobile devices to the HDMI IN 2/MHL jack.
- Use authorized MHL 3 CABLE with MHL logo for 4K smartphone or mobile devices.

Installing the TV to the Wall

This TV's instruction manual only shows the steps on preparing the installation of the TV before installing to the wall.

KD-65X9505B, 65/55X9005B only

To Customers:

For product protection and safety reasons, Sony strongly recommends that installation of your TV be performed by Sony dealers or licensed contractors. Do not attempt to install it yourself.

To Sony Dealers and Contractors:

Provide full attention to safety during the installation, periodic maintenance and examination of this product.

> Sufficient expertise is required for installing this product, especially to determine the strength of the wall for withstanding the TV's weight. Be sure to entrust the attachment of this product to the wall to Sony dealers or licensed contractors and pay adequate attention to safety during the installation. Sony is not liable for any damage or injury caused by mishandling or improper installation.

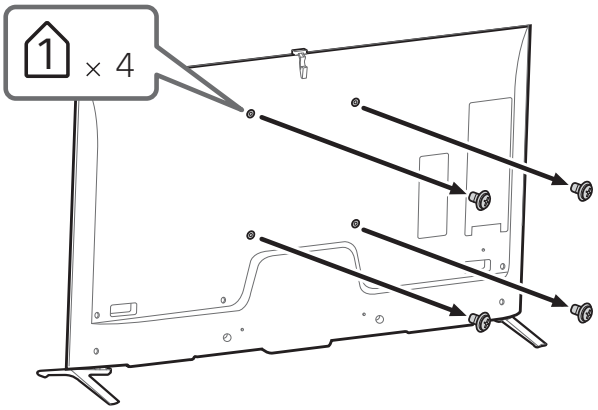
Use the Wall-Mount Bracket SU-WL450 (not supplied) (KD-65X9505B, KD-65/55X9005B) to install the TV to the wall.
When installing the Wall-Mount Bracket, also refer to the Operating Instructions and Installation Guide supplied with the Wall-Mount Bracket.

Note

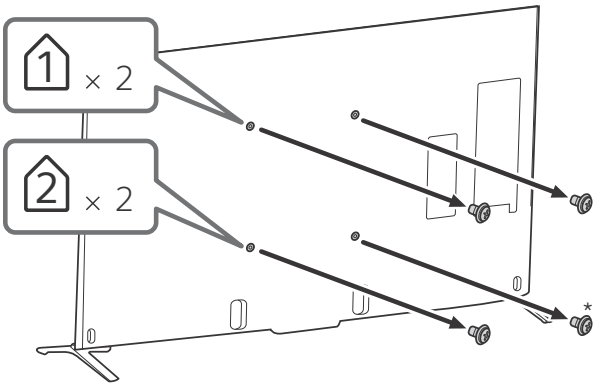
- Be sure to store the removed screws in a safe place, keeping them away from children.

1 Remove the screws from the rear of the TV.

KD-65X9505B

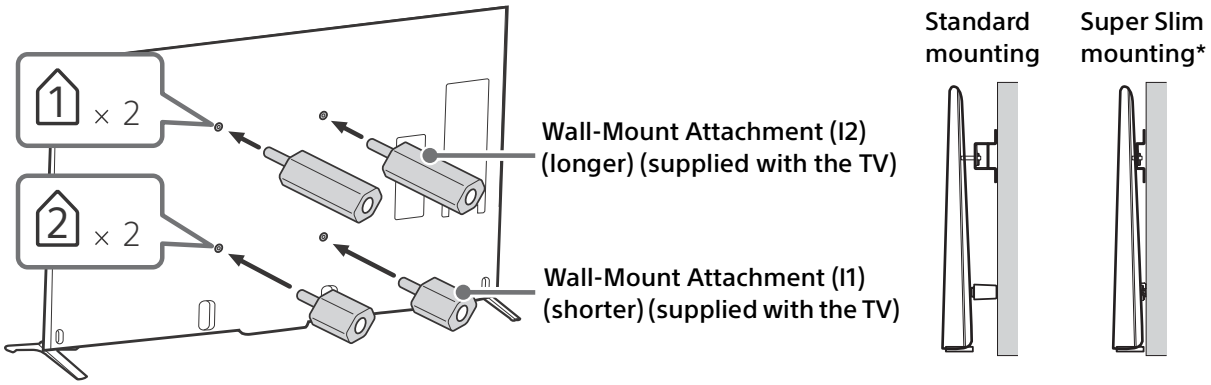


KD-65/55X9005B

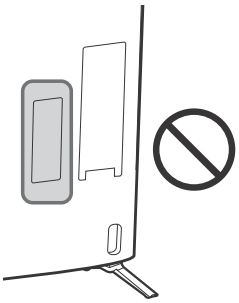


* Do not remove for Super Slim mounting.

2 Before installing the Wall-Mount Bracket, attach the Wall-Mount Attachment ❶ (supplied with the TV) to the rear of the TV (to make it parallel with the wall). You do not need to perform this step for Super Slim mounting. (KD-65/55X9005B only)


1 × 2
2 × 2
Wall-Mount Attachment (I2) (longer) (supplied with the TV)
Wall-Mount Attachment (I1) (shorter) (supplied with the TV)
Standard mounting
Super Slim mounting*

* You cannot use some of the terminals on the rear of the TV when using this mounting style.



Note

- Be sure to fasten the Wall-Mount Attachment when attaching them to the TV.
- If using an electric screwdriver, set the torque at approximately 1.5 N·m {15 kgf·cm}.

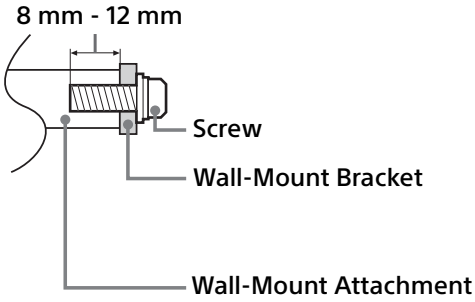
For instructions on Wall-Mount Bracket installation of your TV model, refer to the following website:
www.sony.eu/tv/wall-mount-bracket-manual

KD-79X9005B only

Your TV can be mounted on a wall using a Wall-Mount Bracket (not supplied) out of the box as packaged. If the Table-Top Stand is attached to the TV, the TV may require detaching the Table-Top Stand; see page 8 (Detaching the Table-Top Stand from the TV).
Prepare the TV for the Wall-Mount Bracket before making cable connections.

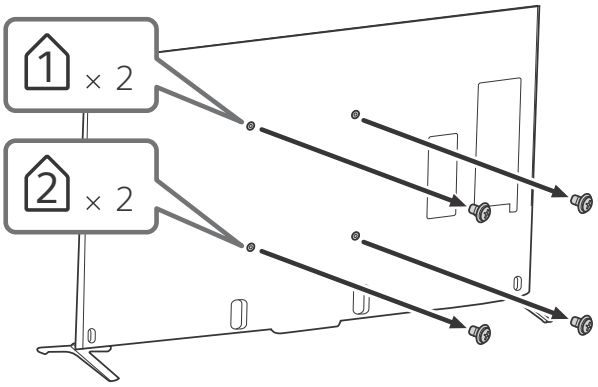
For product protection and safety reasons, Sony strongly recommends that installation of your TV on the wall be performed by qualified professionals. Do not attempt to install it yourself.

- Follow the instructions provided with the Wall-Mount Bracket for your model. Sufficient expertise is required in installing this TV, especially to determine the strength of the wall for withstanding the TV's weight.
- The length of the screw for Wall-Mount Bracket differs depending on the Wall-Mount Bracket thickness. Please see below illustration.

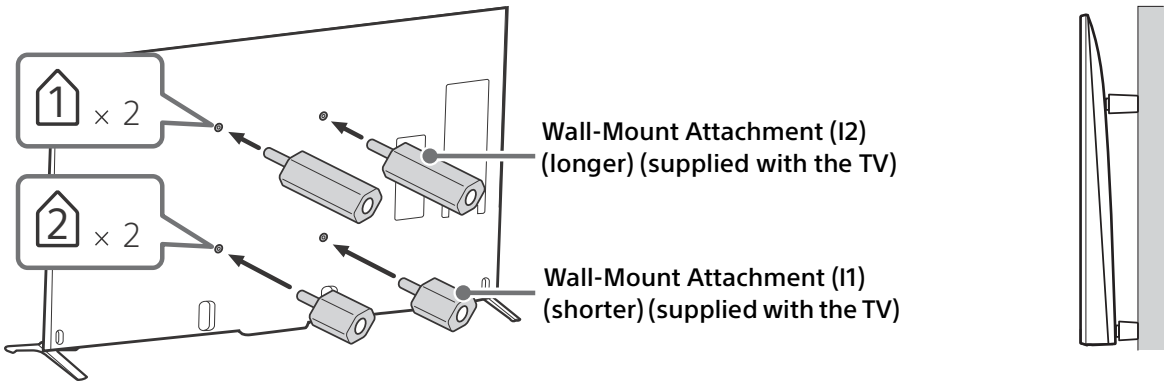


- Be sure to store the unused screws and Table-Top Stand in a safe place until you are ready to attach the Table-Top Stand. Keep the screws away from small children.

1 Remove the screws from the rear of the TV.



2 **Before installing the Wall-Mount Bracket, attach the Wall-Mount Attachment ❶ (supplied with the TV) to the rear of the TV (to make it parallel with the wall).**



Note

- Be sure to fasten the Wall-Mount Attachment when attaching them to the TV.
- If using an electric screwdriver, set the torque at approximately 1.5 N·m {15 kgf·cm}.

Troubleshooting

When the illumination LED is flashing in red, count how many times it flashes (interval time is three seconds).

If the illumination LED flashes red, reset the TV by disconnecting the mains lead from the TV for two minutes, then turn on the TV.

If the problem persists, contact your dealer or Sony service centre with the number of times the Illumination LED flashes red (interval time is three seconds). Press I/⏻ on the TV to turn it off, disconnect the mains lead, and inform your dealer or Sony service centre.

When the illumination LED is not flashing, check the items as follows.

You can also refer to [Troubleshooting] in the i-Manual or perform self-diagnosis by selecting ? [Help] → [Customer Support] → [Self Diagnostics]. If the problem persists, have your TV serviced by qualified service personnel.

Troubles and Solutions

There is no picture (screen is dark) and no sound.

- Check the antenna (aerial)/cable connection.
- Connect the TV to mains lead, and press I/⏻ on the TV or remote control.

Some programmes cannot be tuned.

- Check the antenna (aerial).
- The satellite cable might be short-circuited or there might be connection problems of the cable. Check the cable connection and then turn the TV off with the Mains power On/Off switch, and turn it on again.
- The frequency that you entered is out of range. Consult the received satellite broadcasting company.

There is no Cable TV services (programmes) found.

- Check the cable connection or tuning configuration.
- Attempt the [Digital Auto Tuning] by selecting [Antenna] instead of [Cable].

The remote does not function.

- Replace the batteries.
- Your TV may be in SYNC mode.
  Press Control Bar (....) and slide left/right to select [SYNC MENU] then press the touchpad. Select [TV Control] and then select [Home (Menu)] or [Options] to control the TV.
  When using IR Remote Control, press **SYNC MENU**, select [TV Control] and then select [Home (Menu)] or [Options] to control the TV.

The [Parental Lock] password has been forgotten.

- Enter 9999 for the PIN code. (PIN code 9999 is always accepted.)

The TV surrounds become warm.

- When the TV is used for an extended period, the TV surrounds become warm.
  You may feel hot when touching there by the hand.

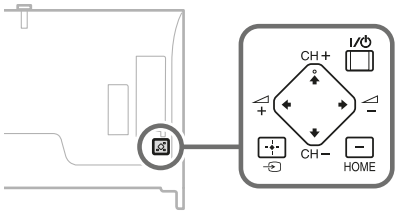
Frozen audio or video, a blank screen, or the TV does not respond to TV or remote buttons.

- Perform a simple reset of the TV by unplugging the mains lead for two minutes, then plug it in again.

The I/⏻, CH+/–, +/–, ↑/↓/←/→, ⏎, ⊞ and HOME buttons cannot be located on the TV.

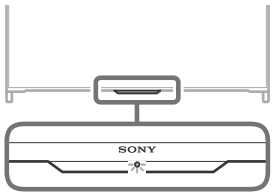
- See below illustration for location of the buttons on the TV.

Rear of TV



The illumination LED is turned on.

- If you do not wish to light up the illumination LED, you can turn it off.
  Press **HOME**, then select [Settings] → [System Settings] → [General Set-up] → [Illumination LED] → [Off]. You can also press **OPTIONS**, then select [Illumination LED] → [Off].



Cannot connect to a wireless router by WPS.

- If you use WEP security, select [Easy] → [Wi-Fi] → [Connect by scan list]. Then, select the network name (SSID) you want to connect.

Cannot find the required network name in network setup.

- Select [[Manual Entry]] and press ⊕ to enter network name.

Specifications

System

Panel system
LCD (Liquid Crystal Display) Panel, LED Backlight

TV system
Analogue: Depending on your country/area selection: B/G, D/K, L, I, M
Digital: DVB-T/DVB-C
DVB-T2
Satellite: DVB-S/DVB-S2

Colour/video system
Analogue: PAL, SECAM, NTSC3.58, NTSC4.43
Digital: Refer to the i-Manual.

Channel coverage
Analogue: UHF/VHF/Cable, Depending on your country/area selection.
Digital: UHF/VHF/Cable, Depending on your country/area selection.
Satellite: IF Frequency 950-2150 MHz

Sound output
10 W + 10 W + 10 W (KD-65X9505B)
12.5 W + 12.5 W + 20 W + 20 W (KD-79/65/55X9005B)

Wireless technology
Protocol IEEE802.11a/b/g/n

Input/Output jacks

Antenna (aerial) cable
75 ohm external terminal for VHF/UHF

Satellite antenna MAIN/SUB
Female F-Type Connector IEC169-24, 75 ohm.
DiSEqC 1.0, LNB 13 V/18 V & 22 kHz tone, Single Cable Distribution EN50494.

/ AV1
21-pin scart connector (CENELEC standard) including audio/video input, RGB input and TV audio/video output.

/ COMPONENT IN
$Y P_B P_R$ (Component Video): 1080p (50, 60 Hz), 1080i (50, 60 Hz), 720p (50, 60 Hz), 576p, 576i, 480p, 480i
Audio input (phono jacks)

AV2
Video input (common phono pin with Y input)

HDMI IN 1, 2, 3, 4 (support 4K resolution)
Video (2D): 4096 × 2160p (50, 60 Hz)*, 4096 × 2160p (24 Hz), 3840 × 2160p (50, 60 Hz)*, 3840 × 2160p (24, 25, 30 Hz), 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i, 480p, 480i, PC Formats
*YC_bC_r 4:2:0 / 8 bit
Video (3D):
Frame Packing: 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p
Side-by-Side: 1080p (50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz)
Over-Under: 1080p (30, 50, 60 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz)
Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital
ARC (Audio Return Channel) (HDMI IN 1 only)

MHL (common with HDMI IN 2/4)
Video (2D): 4096 × 2160p (24 Hz)*, 3840 × 2160p (24, 25, 30 Hz)*, 1080p (50, 60 Hz)*, 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p, 576p, 576i, 480p, 480i
* HDMI IN 2 only
Video (3D):
Frame Packing*: 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (30, 50, 60 Hz), 720/24p
Side-by-Side: 1080p (50, 60 Hz)*, 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz)
Over-Under: 1080p (50, 60 Hz)*, 1080p (30 Hz), 1080/24p, 1080i (50, 60 Hz), 720p (50, 60 Hz)
* HDMI IN 2 only
Audio: 5.1 channel linear PCM: 32, 44.1 and 48 kHz, 16, 20 and 24 bits, Dolby Digital

DIGITAL AUDIO OUT (OPTICAL)
Digital optical jack (Two channel linear PCM, Dolby Digital)

AUDIO OUT/🎧
Audio output (stereo mini jack)
Headphone jack
(supports Subwoofer out)

1, 2 (HDD REC), 3
USB HDD device port (2 only), USB port

CAM (Conditional Access Module) slot

LAN
10BASE-T/100BASE-TX connector (Depending on the operating environment of the network, connection speed may differ. 10BASE-T/100BASE-TX communication rate and communication quality are not guaranteed for this TV.)

Others

Optional accessories
Wall-Mount Bracket: SU-WL450 (KD-65X9505B, KD-65/55X9005B)
Wireless subwoofer: SWF-BR100
MHL cable: DLC-MC10/DLC-MC20/DLC-MC30
Active 3D Glasses: TDG-BT500A (KD-65X9505B, KD-65/55X9005B)

Passive 3D Glasses: TDG-500P (KD-79X9005B)

Operating temperature
0 °C – 40 °C

Operating humidity
10 % – 80 % RH (non-condensing)

Power and others

Power requirements
220 V - 240 V AC, 50 Hz

Energy Efficiency Class
KD-79X9005B: A
KD-65X9505B: B
KD-65X9005B: B
KD-55X9005B: B

Screen size (measured diagonally) (Approx.)
KD-79X9005B: 79 inches / 199.6 cm
KD-65X9505B: 65 inches / 163.9 cm
KD-65X9005B: 65 inches / 163.9 cm
KD-55X9005B: 55 inches / 138.8 cm

Power consumption
in [Standard] mode
KD-79X9005B: 229 W
KD-65X9505B: 215 W
KD-65X9005B: 180 W
KD-55X9005B: 149 W

in [Vivid] mode
KD-79X9005B: 433 W
KD-65X9505B: 394 W
KD-65X9005B: 339 W
KD-55X9005B: 285 W

Average annual energy consumption*[1]
KD-79X9005B: 318 kWh
KD-65X9505B: 298 kWh
KD-65X9005B: 250 kWh
KD-55X9005B: 207 kWh

Standby power consumption*2
KD-79X9005B:
0.3 W (27 W in software / EPG update mode)
KD-65X9505B:
0.3 W (28 W in software / EPG update mode)
KD-65X9005B:
0.3 W (27 W in software / EPG update mode)
KD-55X9005B:
0.3 W (27 W in software / EPG update mode)

Display resolution
3,840 dots (horizontal) × 2,160 lines (vertical)

Output Rating
USB 1, 3: 5 V, 500 mA MAX
USB 2: 5 V, 800 mA MAX
MHL (HDMI IN 2, 4): 5 V, 900 mA MAX

Dimensions (Approx.) (w × h × d)

with Table-Top Stand
KD-79X9005B: 203.1 × 110.9 × 44.2 cm
KD-65X9505B: 149.3 × 95.0 × 34.8 cm
KD-65X9005B: 171.6 × 91.6 × 32.0 cm
KD-55X9005B: 149.4 × 79.1 × 32.0 cm

without Table-Top Stand
KD-79X9005B: 202.9 × 105.4 × 11.1 cm
KD-65X9505B: 149.2 × 89.7 × 10.7 cm
KD-65X9005B: 171.5 × 87.8 × 9.9 cm
KD-55X9005B: 149.3 × 75.2 × 9.9 cm

wall-mount hole pattern
40.0 x 30.0 cm

wall-mount screw size
M6 (length: see diagram page 3.)

Stand width (Approx.)

Edge position
KD-79X9005B: 203.1 cm
KD-65X9505B: 149.3 cm
KD-65X9005B: 171.6 cm
KD-55X9005B: 149.4 cm

Middle position
KD-79X9005B: 57.3 cm
KD-65X9505B: 66.3 cm
KD-65X9005B: 57.3 cm
KD-55X9005B: 57.3 cm

Mass (Approx.)

with Table-Top Stand
KD-79X9005B: 60.9 kg
KD-65X9505B: 43.9 kg
KD-65X9005B: 46.6 kg
KD-55X9005B: 38.1 kg

without Table-Top Stand
KD-79X9005B: 59.7 kg
KD-65X9505B: 42.0 kg
KD-65X9005B: 45.9 kg
KD-55X9005B: 37.4 kg

*1 Energy consumption per year, based on the power consumption of the television operating 4 hours per day for 365 days. The actual energy consumption will depend on how the television is used.
*2 Specified standby power is reached after the TV finishes necessary internal processes.

Note
- Optional accessories availability depends on countries/region/TV model/stock.
- Design and specifications are subject to change without notice.
- Power consumption will increase when Port Replicator connected to the TV.
- This TV set incorporates MHL 2 for HDMI IN 4/MHL and MHL 3 for HDMI IN 2/MHL.

Notes on Digital TV function

- Any functions related to Digital TV (DVB) will only work in countries or areas where DVB-T/DVB-T2 (MPEG-2 and H.264/MPEG-4 AVC) digital terrestrial signals are broadcast or where you have access to a compatible DVB-C (MPEG-2 and H.264/MPEG-4 AVC) cable service. Please confirm with your local dealer if you can receive a DVB-T/DVB-T2 signal where you live or ask your cable provider if their DVB-C cable service is suitable for integrated operation with this TV.
- Your cable provider may charge a fee for their services, or require you to agree to its terms and conditions of business.
- This TV set complies with DVB-T/DVB-T2 and DVB-C specifications, but compatibility with future DVB-T/DVB-T2 digital terrestrial and DVB-C digital cable broadcasts are not guaranteed.
- Some Digital TV functions may not be available in some countries/areas and DVB-C cable may not operate correctly with some providers.

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